

**ABSTRACT OF THE DISCLOSURE****Method of Data Handling in a WLAN**

5 A method of handling data in a wireless LAN comprises  
contending for control of the medium using a CSMA/CA  
mechanism or the like. Once control has been  
established data is sent from the node which has  
established that control, to a second node. The  
10 acknowledgement of receipt issued by that second node  
in consequence is combined with a payload at that  
second node and which is intended to be sent to the  
first node anyway, and a single frame, with the  
payload piggybacked onto the acknowledgement is  
15 returned to the first node. Bidirectional  
transmission of combined data and acknowledgement  
continues in a frame bursting manner until a time  
limit is reached or all data has been transmitted,  
whereafter contention commences again.

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